

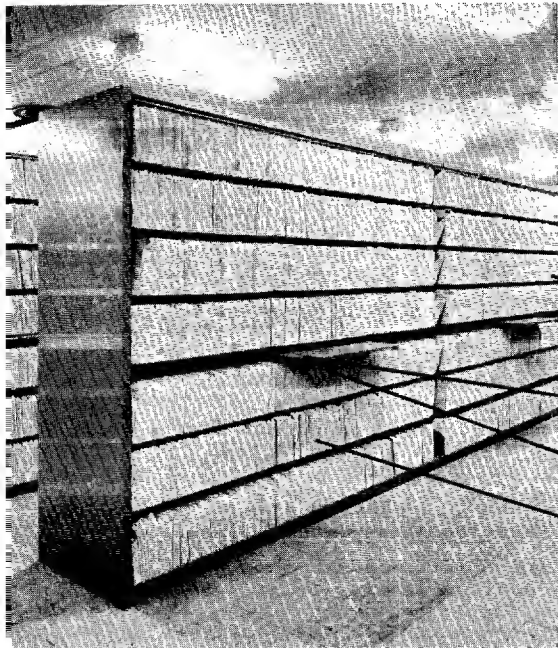
# ESTEY® COMPACT

High  
density,  
mobile  
shelving



OPEN SHELF FILING BY **ESTEY**®

## Double the capacity of your present filing area. \*



Estey Open Shelf Filing Systems are designed specifically to meet the needs of the modern filing and record storage department better than any other system.

The vertical filing of records on tiers of open shelves increases capacities in many cases more than 100%. Finding and filing time is sharply reduced. Errors from misfilings are minimized. The work is made easier.

**OVERHANG** Shelves are designed to allow overhang of folders and guides for ease of fanning and pulling. Bottom shelves are full depth for protection against waxing machines and scuffing.

**REFERENCE SHELVES** An indispensable, on-the-spot work surface. Can be installed at any point in a range. Slides back out of the way when not in use.

**VISIBILITY** The entire contents of a range are visible at one time, like the contents page of a book, and as readily accessible.

**SPEED AND EFFICIENCY** The nature of the Estey Filing System makes possible tremendous increases in the speed and efficiency of the entire filing operation. Instant visibility of guides means that file personnel can walk direct to the desired section and folder. Physical walking distances are cut down and the waste time of opening and closing drawers eliminated.

**VERSATILE and  
EFFICIENT**

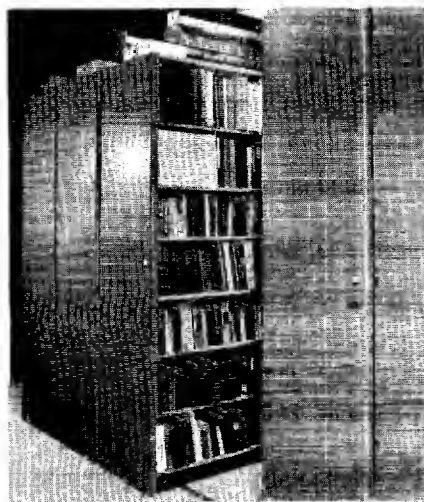
For . . . RECORDS

BOOKS

PARTS

INSUR-  
ANCE  
POLICIES

X-RAYS

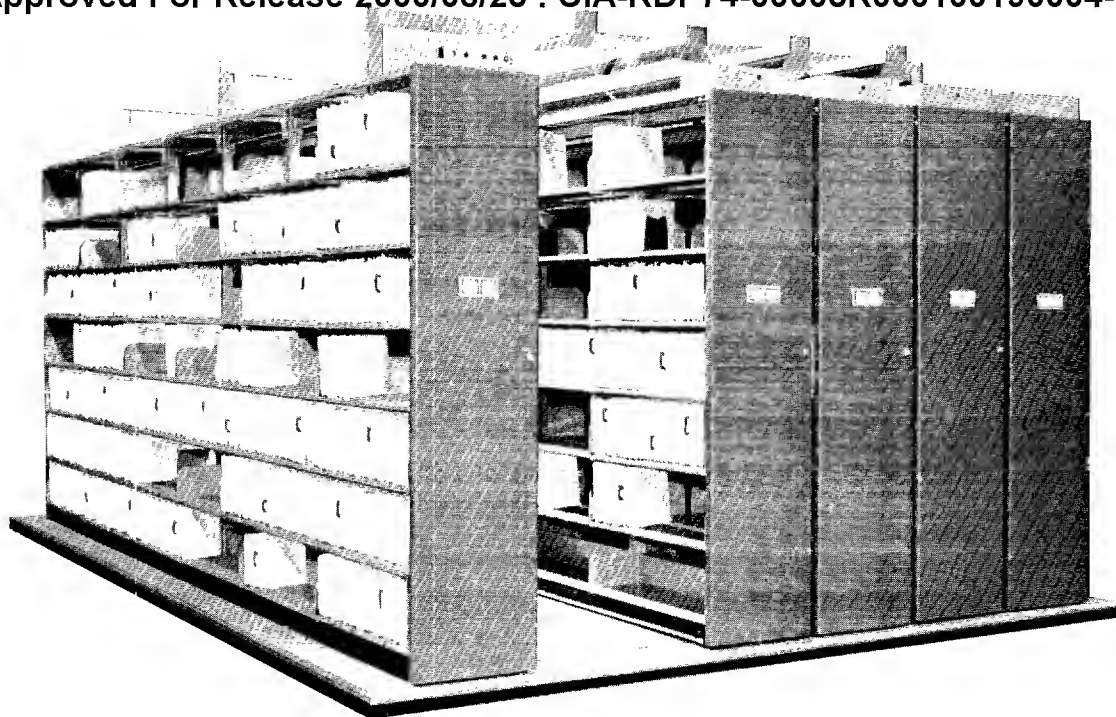


\* **Do it again!**

**ESTEY**®  
**COMPACT**

**HIGH DENSITY  
MOBILE SHELVING**

**ESTEY** *The important name in modern storage systems!*



# ESTEY® COMPACT

## HIGH DENSITY MOBILE SHELVING



This design is Estey's ultimate achievement, in utilizing virtually **every cubic foot** of space available, except for one access aisle, which moves, at your wish, to provide access to the records you want! Estey Mobile Shelving more than **doubles** the capacity of open shelf filing units. Keeping in mind that open shelf filing itself more than doubles the capacity of conventional filing cabinets, we find a geometric progression, or a multiple of 4! Estey Compact Shelving can **quadruple** the capacity of the conventional file cabinet system of housing records within the same gross area!

Estey Compact Mobile Shelving is available electrically powered or hand operated.

The electrically powered system offers these many advantages:

**PUSH-BUTTON CONTROL:** 1. Opens an aisle within 8 to 9 seconds. 2. Automatically illuminates the open aisle (Light fixtures are furnished as optional equipment) 3. Automatically protects the user from harm.

**SAFETY:** 1. Four separate fail safe systems are provided for the complete protection to persons as well as articles left in aisles.

**FILING SPACE:** 1. Each three-foot wide double faced section provides a maximum amount of clear filing space. Filing space is not sacrificed for controls, motor or drive mechanism.

**APPEARANCE:** 1. Quality steel shelving originally designed for use in outstanding university and public libraries

throughout the country is the basis for this concept. Decorator colors are offered for your selection.

**UTILITY AND MAINTENANCE:** 1. A smooth floor over which record trucks can be pushed is now possible. Large breaks in floor for drive mechanisms have been eliminated. 2. Electrical components are all in easily replaced boxes with common plug-in feature. Your system need never be inoperative for more than a few minutes. 3. All systems can be hand operated in an emergency.

**HAND OPERATED:** Most of the features of electrically operated mobile shelving are also available in the hand-operated system. End panels are provided with smooth handles. A 12-pound force is sufficient to push and pull and open an aisle.



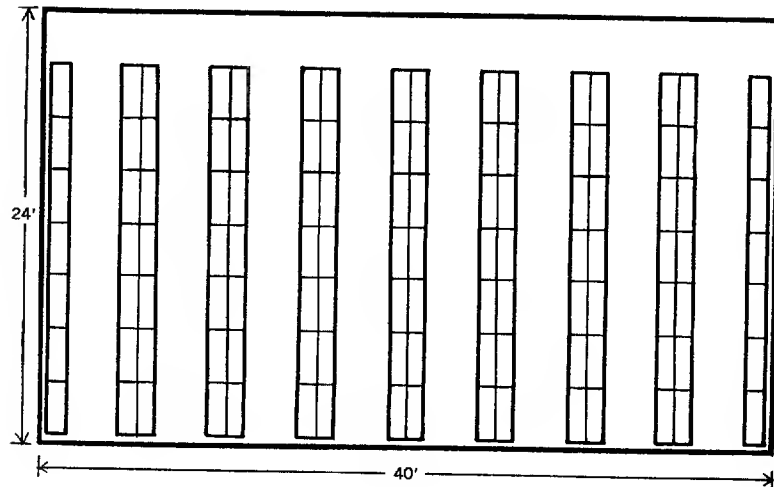
## ESTEY<sup>®</sup> COMPACT

### HIGH DENSITY MOBILE FILE SHELVING

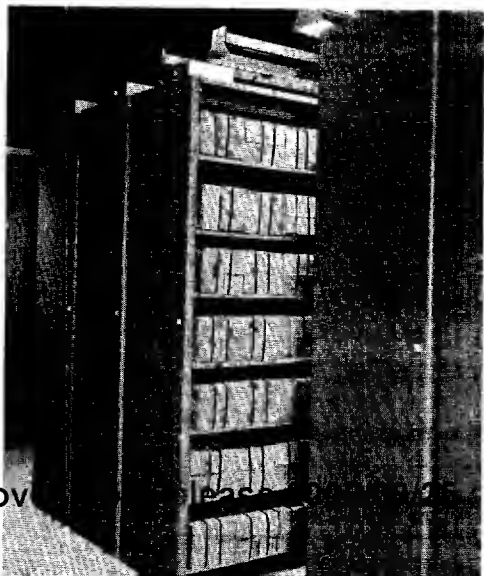
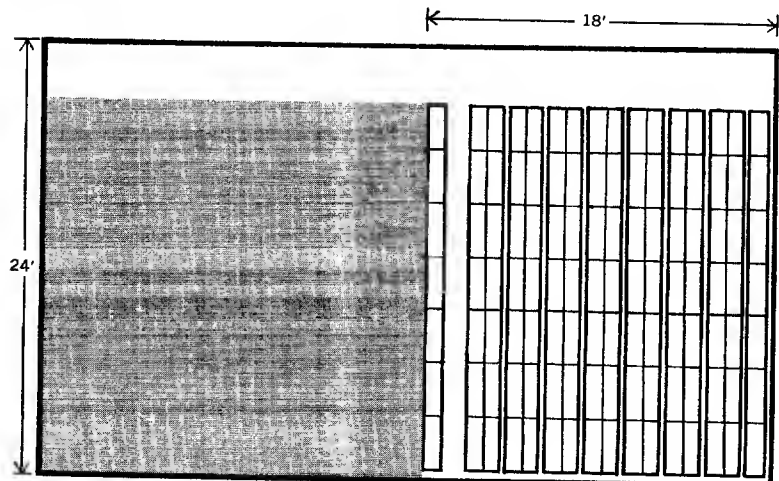
These charts provide a dramatic illustration of the almost unbelievable "compacting" of storage capacities through the use of the Estey Compact system. Plan "A" shows eight ranges of open shelf filing, installed in conventional fashion. Plan "B" shows the same size ranges as they would condense in an Estey Compact system. The shaded area which remains, obviously is open floor space, liberated for additional storage . . . more than 100% saving in precious floor area!

How much additional storage area would you gain by converting your present storage facilities to an Estey Compact system?

PLAN 'A'



PLAN 'B'



Contact the Estey Compact Division for technical assistance.

**ESTEY<sup>®</sup>**  
CORPORATION  
COMPACT DIVISION  
Drawer E, Red Bank, N. J. 07701  
Telephone (201) 542-5000

Approved

CIA-RDP74-00005R000100190004-0

ESTEY COMPACT RECORD STORAGE SYSTEM  
ELECTRICAL DATA  
(RECORD CENTER)

General Information

This system is designed so that each movable range of shelving is electrically driven by its own motor or motors. Because of the length and height of ranges in this proposed installation, two motors per range are required.

Where required, aisle lighting as a part of this system can be provided and data for lighting is included.

Three electrical safety systems are provided and will be described in detail.

For ease of installation and maintenance, all electrical relays and controls are placed in chassis. These are designed for quick removal and replacement. All connections are plug-in type. Each module (group of ranges) will have one master chassis located on the fixed range and an individual chassis on each movable range. For easy maintenance, any one of these can be disconnected (unplugged) and replaced in a matter of minutes. All electrical supply outlets should be located at the end of the fixed ranges.

Motors

1/8 H.P., 115 volt A.C., 60 cycle, split phase, reversible type. Motor torque 400 inch lbs. per motor at 20 R.P.M. on the output shaft. Motor start and stop controlled by aisle selection switch and a sequence of limit switches. This allows each range motor or motors to start in a sequence thus reducing amperage drawn. Running current is 1.85 amps per motor or 3.70 amps per range. Starting current is 7.61 amps per motor or 15.22 amps per range.

This proposed system has no more than six ranges to a module. Should any four modules be operated at one time, the amperage drawn would not exceed 88.80 amps; however, this is very improbable.

Lights

Single tube, 40 watt, 115 volt, 4' long fixtures with a special engineered polished reflector to produce 50' candles at floor level. Amperage is .80 amps for each 8'.

Safety Systems

1. Illuminated aisle selection switch on end panel at end of range. When aisle selection switch is depressed and is illuminated, no other aisle within a module can be activated. It is necessary to depress the same switch again to turn off the aisle light and enable any other aisle to be activated.
2. Two safety tapes in each aisle. One at waist level, one at floor level. A 12 oz. force on either will activate a safety relay sounding a buzzer and illuminating a red light on the master chassis. At this point all ranges within that module are immediately disabled. The procedure to re-activate is as follows. Key-locked override switch is turned on and the aisle switch of the obstructed aisle can be operated in a jog fashion until obstruction can be removed. The master key switch can then be placed in the automatic selection position to resume conventional operation.



3. Each motor is connected to a manually resettable overload circuit breaker. When an obstruction causes the motor current to exceed a safe level, motor stops. This will also sound the warning buzzer and illuminate a red light on the master panel until the overload condition has been corrected.

Each module is protected by a main circuit breaker (which also serves as the power on-off switch) located on the master chassis.

Control Circuit  
24 volt D.C.

ESTEY - ELECOMPACT FACTS

1. Increase of Book Capacity - 125% for a given gross area over conventional bookstack arrangements.
2. Three Safety Systems
  - A. Light over aisle in use must be turned off at range end before another aisle can be opened.
  - B. Circuit interrupter bar at waist height.
  - C. Circuit interrupter bar at floor line.
3. Individual Aisle Lighting - Affects overall savings in lighting costs.
4. High Density Use of Space - Reduces useless air volume, thus affecting savings in cost of air treatment.
5. Control Panels - One module (usually 10 ranges) can be controlled by one panel. A centralized operation panel can combine a number of individual control panels, so that one operator can control several modules of bookstacks. For high use areas an aisle button can be located on end panels of each range of shelving to eliminate reference to a control panel.
6. Locks - Can be fitted on Estey-Elecompact for safe storage of classified material.
7. Dust Control - All units can be enclosed to prevent dust.
8. Uses
  - A. Books - closed or open stack libraries.
  - B. Bound or unbound periodicals.
  - C. Documents.
  - D. Films.
  - E. Phonograph records.
  - F. Hospital case histories and X rays.
9. Price - Evaluation of each scheme is necessary to determine job conditions and size of proposed plan for accurate cost analysis. Estey local representatives are available to consult with you on your requirements.
10. Existing Buildings - Can be adapted to compact storage of materials.